Ransburg

SERVICE INSTRUCTION
SI-11-01.1
Replaces (SI-11-01)

SERVICE INSTRUCTION

76298-XX LOW VOLTAGE CABLE ASSEMBLY

GENERAL INSTRUCTIONS

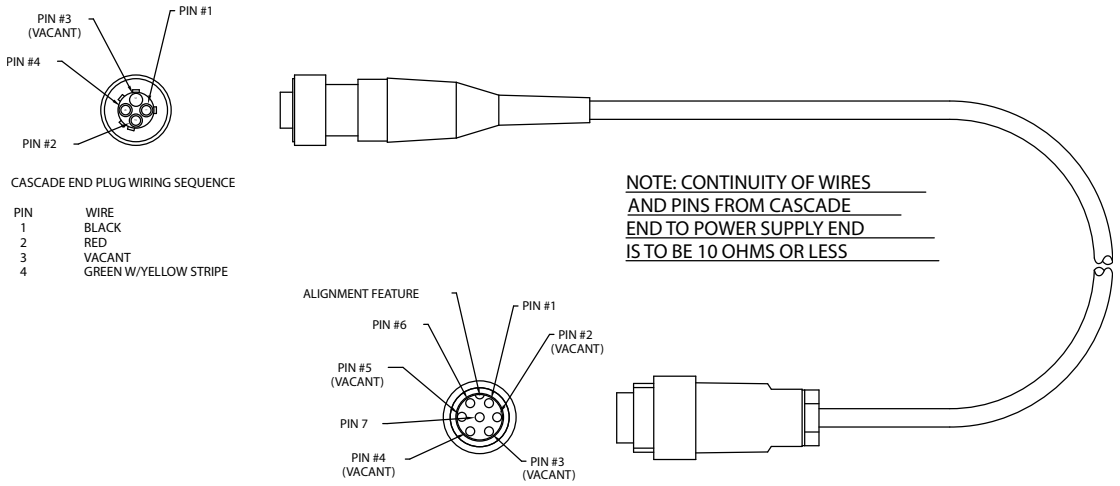
1. Only to be used with 9040 Cascade and controller.

2. When routing cable, ensure that no chaffing, binding, or pulling on the cable will occur. Maintain a 3” or greater bend radius. Torsion stress should be minimized.

3. Considerations should be taken when routing cables next to other cabling and fluid tubing. Be cognizant of the placement of such cable near control wires and fluid lines. Follow NEC wiring standards where applicable. Separation of AC, control wiring, and fluid tubing is advisable.

NOTE - Reference 9040 Cascade Low Voltage Contol Unit Service Manual (CP-97-04.X)

4. <u>This cable is used in systems requiring “FM APPROVAL”, therefore no modifications can be made to it. Modification will result in voiding the “FM APPROVAL” rating and void all warranties.</u>



CASCADE END PLUG WIRING SEQUENCE

PIN	WIRE
1	BLACK
2	RED
3	VACANT
4	GREEN W/YELLOW STRIPE

POWER SUPPLY END PLUG WIRING SEQUENCE

PIN	WIRE
1	BLACK
2	VACANT
3	VACANT
4	VACANT
5	VACANT
6	RED
CENTER PIN 7	GREEN W/YELLOW STRIPE

Maintenance Information

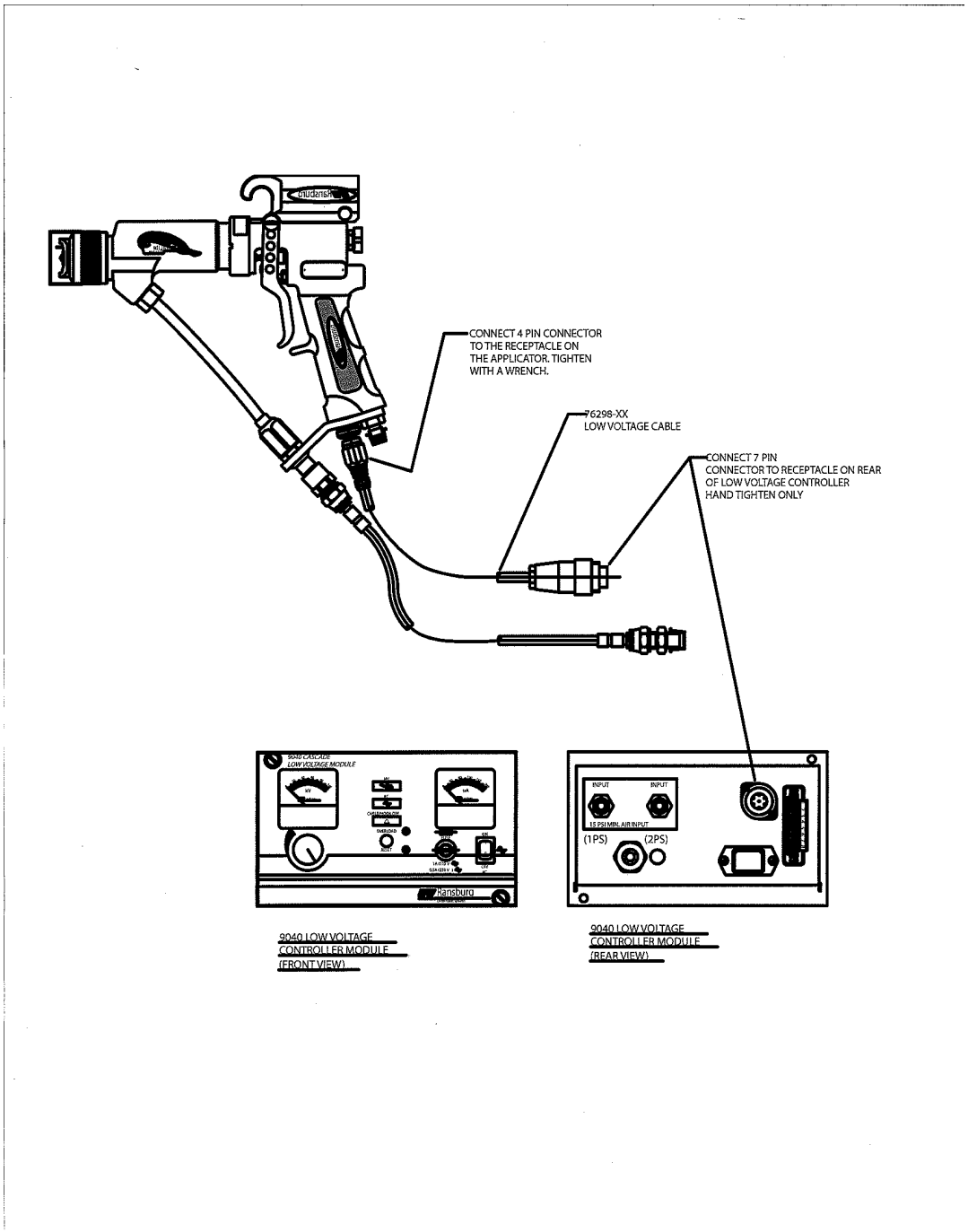
1. Connector Resistance - 10 ohms or less (see drawing).

2. Do not soak or submerse in solvent or paint.

3. Do not permit damage by stepping on, driving on, or pinching between doors or cabinets. Maintain 3” (75mm) or greater bend radius.

4. Recommended replacement frequency - annually.

Low Voltage Cable Connection From Controller to Applicator


CONNECT 4 PIN CONNECTOR TO THE RECEPTACLE ON THE APPLICATOR. TIGHTEN WITH A WRENCH.
76298-XX LOW VOLTAGE CABLE
CONNECT 7 PIN CONNECTOR TO RECEPTACLE ON REAR OF LOW VOLTAGE CONTROLLER HAND TIGHTEN ONLY
9040 CASCADE LOW VOLTAGE MODULE
Ransburg
INPUT
INPUT
15 PSI MIN. AIR INPUT
(1PS)
(2PS)
9040 LOW VOLTAGE CONTROLLER MODULE (FRONT VIEW)
9040 LOW VOLTAGE CONTROLLER MODULE (REAR VIEW)

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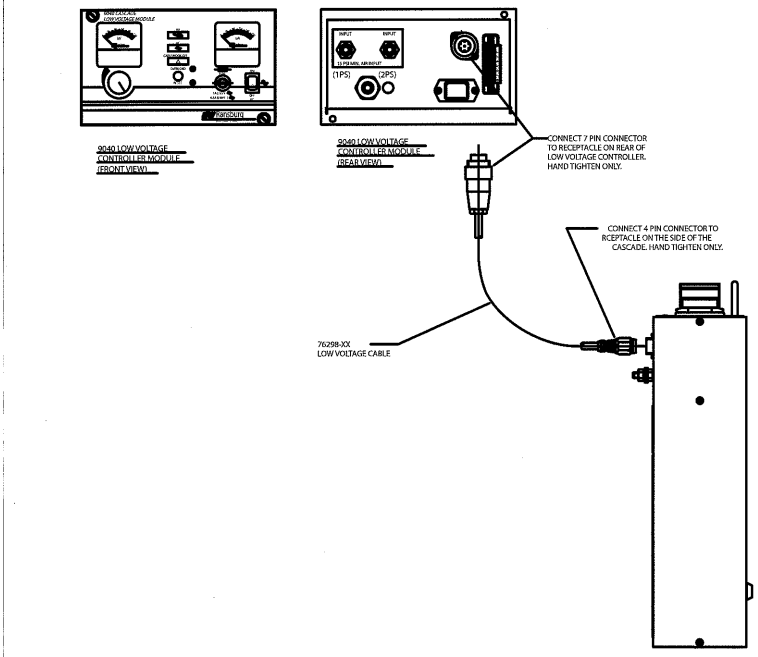
Low Voltage Cable Connection From Controller to Cascade


9040 LOW VOLTAGE CONTROLLER MODULE (FRONT VIEW)
9040 LOW VOLTAGE CONTROLLER MODULE (REAR VIEW)
(1PS)
(2PS)
CONNECT 7 PIN CONNECTOR TO RECEPTACLE ON REAR OF LOW VOLTAGE CONTROLLER. HAND TIGHTEN ONLY.
CONNECT 4 PIN CONNECTOR TO RCEPTACLE ON THE SIDE OF THE CASCADE. HAND TIGHTEN ONLY.
76298-XX
LOW VOLTAGE CABLE

Manufacturing
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Angola, Indiana 46703-9100
Telephone: 260-665-8800
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Technical - Service Assistance
320 Phillips Avenue
Toledo, Ohio 43612-1493
Telephone (toll free): 800-233-3366
www.ransburg.com

Technical Support Representatives can direct you to the appropriate telephone number for ordering Spare Parts.

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ISO 9001 Quality Systems

ENVIRONMENTALLY CONCERNED

Form SI-11-01.1
Litho in U.S.A.